

West Nile Virus and Other Arboviral Diseases

Los Angeles County Epidemiology Report #12

October 26, 2018



- This week, 0 West Nile virus (WNV) cases were documented by the Los Angeles County Department of Public Health (LAC DPH) (Table 1). Of the 43 total infections in 2018, 29 resided in the San Fernando Valley region (see map below).
- The number of infections identified so far this season is below the previous 5-year average, however, additional cases are expected to occur through the end of the year (Figure 1). [Mosquito pools and dead birds](#) continue to test positive all over LAC.
- The California Department of Public Health (CDPH) has [reported](#) 156 human cases and 6 deaths in the state. Nationally, 1,976 human cases and 86 deaths have been [reported](#) to the Centers for Disease Control and Prevention.

Table 1. Characteristics of WNV Cases, LAC, 2018

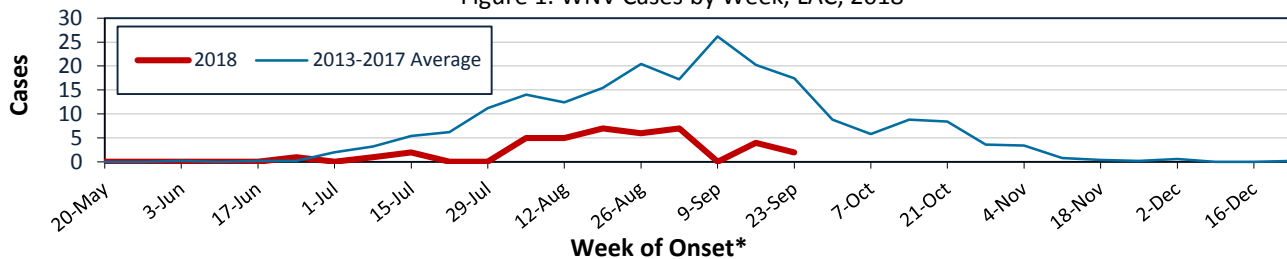
Number of Cases ¹	Asymptomatic Donor ²	Clinical Presentation			Hospitalized	Deaths	Demographics	
		WNV Fever	Neuroinvasive Disease	Neuroinvasive Diagnosis			Gender M/F	Median Age (Range)
This week	0	-	-	- = Encephalitis - = Meningitis - = AFP ³	-	-	-	-
Year Total	43	3	8	22 = Encephalitis 7 = Meningitis 3 = AFP ³	33	1	32/11	65 (15-89)

¹Count confirmed by LAC DPH as of 10/26/18. Excludes reports from Long Beach and Pasadena. Totals are provisional and subject to change.

²Asymptomatic cases identified in blood or organ donors as part of routine screening.

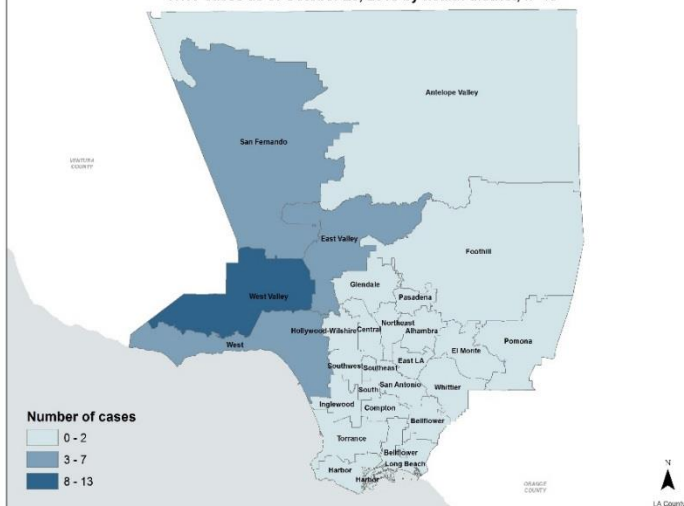
³Acute Flaccid Paralysis

Figure 1. WNV Cases by Week, LAC, 2018



*Asymptomatic blood and organ donors listed by date of donation.

WNV cases as of October 26, 2018 by health district, n=43



Visit www.socalmosquito.org or call 2-1-1 to report mosquito problems to your local vector control district.



EPA recommends using repellent products that contain at least one of the following ingredients:

- ✓ DEET
- ✓ picaridin
- ✓ IR3535
- ✓ oil of lemon eucalyptus (para-menthane-diol)
- For an updated list of EPA-registered products visit the official EPA [website](#).
- CDPH recently released the [Insect Repellent Toolkit](#), which contains application tips, educational materials such as the [Parent's Guide to Insect Repellent](#), web graphics, and links to useful literature.



To receive weekly reports email: ACDC2@ph.lacounty.gov
Acute Communicable Disease Control (213) 240-7941
www.publichealth.lacounty.gov/acd/VectorWestNile.htm